

78th Lecture continued - Feb. 7th 1809.

Causes. *Hydropic State of Fever* -
Bruises &c. local Injuries - Diseases -
Dropsies effect of Morbid action in Bloodves-
sels - & secretion or effusion from them -
Accommodate Remedies to state of pulse -
R. Venesection - I not the author of this.
this should be in full & tense pulse
Cream of tartar as a purge - Gam-
boge &c. - Abstinence - Low Diet.
In fasting lymphatics are hungry -
Cold - Heat in form of sand Bath
Fear - Sight of Saffron cured one -
Diuretic Medicines - as Digitalis -
Travelling on foot - long walk cured one.

Lecture 79th February 8th 1809.

Dropsy never primary disease of the
lymphatics unless in case of Rupture &c.
The pulse is Typhus. Typhoid

Dropsies of Weak morbid action -
Depleting & Tonic Remedies - Warm
Bath &c. - See my Medical Inq.
Abstinence & low Diet -

to

Punctures never mortify in Asites —
Top of foot better than calf of leg —

Hydrothorax

3

Vertigo a Distressing Symptom — pulse hard & full
N. Venesection — this does not always sub-
due the pulse — — Cupping on Back —
Diuretics — Squills — 1 gr. of Calomel & 2 of Squills
twice a Day cured one — Digitalis —
Salivation must be resorted to if others fail.
Hawking blood & white urine unfavorable —
Water in Pericardium same Remedies —

Ascites

If tapping does not draw off all the
water it is an encisted Ascites —

When it prevails throughout whole
abdomen it often succeeds Autumn. fever.

It prevails most in moist Countries —

N. Bloodletting — water discharged soon —

Purges — Calomel — Gallip & Gamboge —

These in some cases too Drastic. —

Cream of tartar well accommodated. — Salts —

Vomits — if the system be in proper State.

Diuretics — 1 oz. nitre in pint of water and
take an ounce at a time 3 a Day —

Weak diuretics cured when powerful fail —
Watermelon seed tea —

A spontaneous sweat on feet cured

Will not Blistering on Anckles do we

you — — — — — should be below Syph

to my Inquiries —

should be had recover

right side

searifications on

Hemorrhage prevents Leprosy & Itch —

In Typhus State avoid Vomits and Diuretics 5

Tapping should be had recourse to in some cases

A Bandage should be kept round Belly -
Case of a woman lost 13 hogsheads of water by 80 tappings -

In some cases a jelly like substance is contained in cysts in Omentum & ovaria -
Yellow water shows affection of Liver and is always alarming -

Dropsy of Ovaria - R. Salivation -

Dropsy of Uterus - cured by purging -

Anasarca -

R. Bleeding - The Remedies mentioned before used at their proper time -

Regulate all these by pulse -

Hemorrhagic State of Fever -

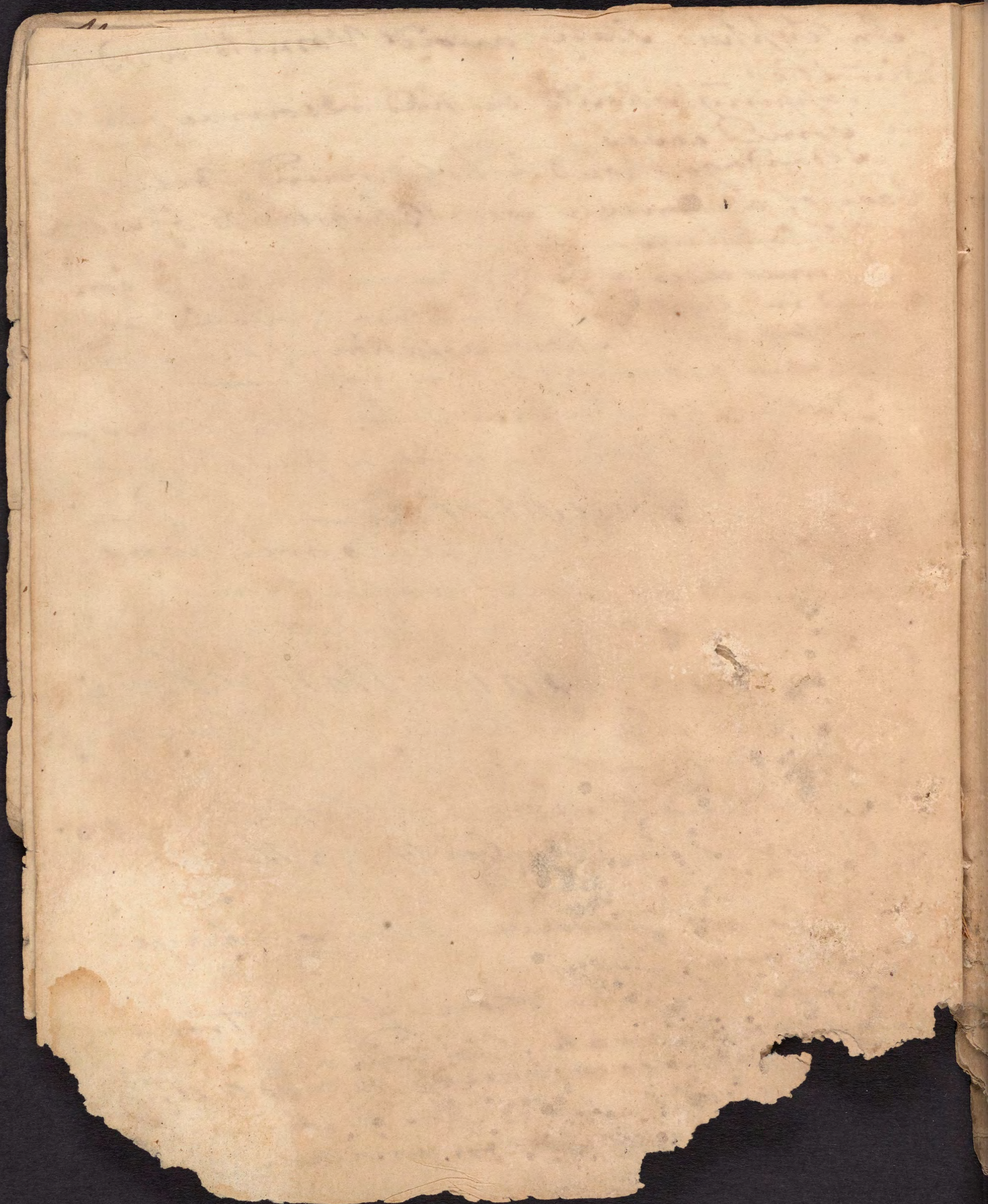
1. Preceded by Debility - 2. This is produced by all causes that induce fever -
3. It is attended with a Plethora - 4. This occurs in Puerperity & 5th in

There is no passive hemorrhage except one -

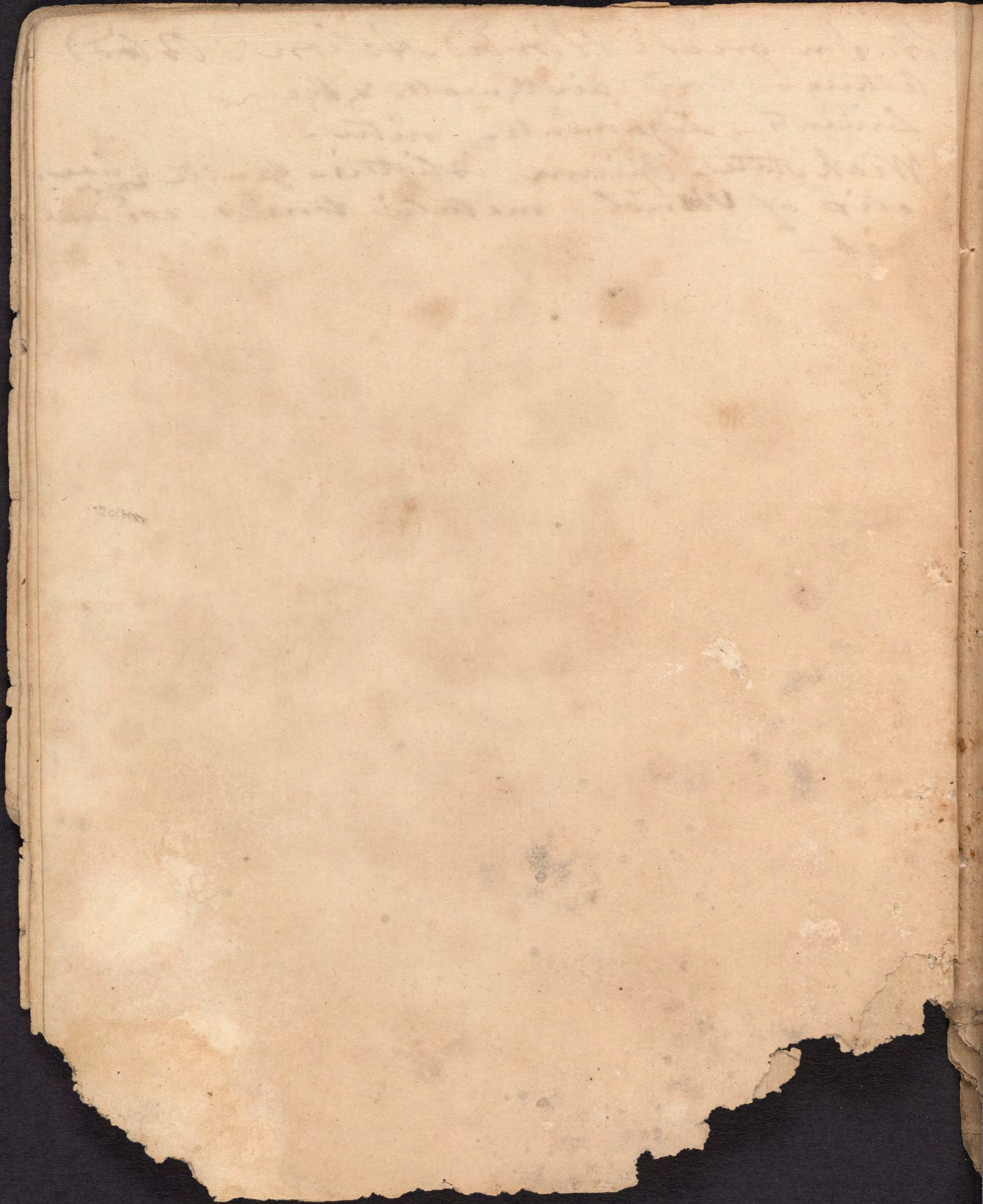
I divide them in those from strong & those from weak morbid action.

Spontaneous Cases - Bleeding

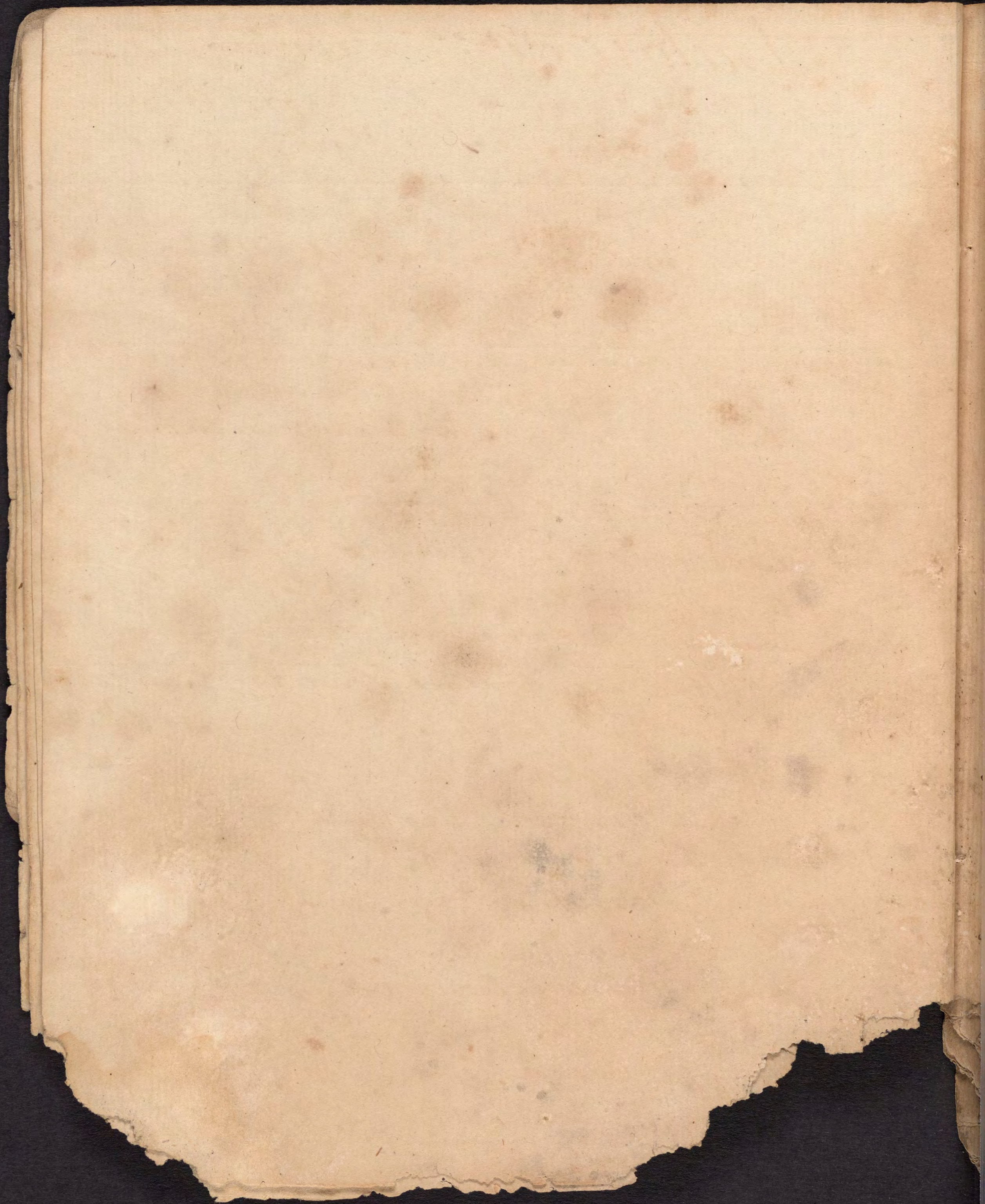
a cure is dangerous -
related to mania



℞. In great Morbid Action - Blood
letting - Cold air & water & Ice -
Lenient - Ligaments - nitre -
Weak state - Opium - Blisters - Gentle ^{Exercise} ~~Exercise~~.
elix of Vitriol - metallic tonics - cordial
Diet -







Lecture 80th February 10th

Hepatitis terminates sometimes
in stomach - Colon - Umbilicus -

In stomach & Colon it produces ad-
hesion but if it do not it is dangerous -

When by an external Abscess it should
be opened - With lancet or caustic - if
it breaks itself - Death is induced -

When suppuration discharges internally
an emetic is beneficial to carry it off
A gallon of matter has been discharged.

This Disease predisposes Liver to it again
Chronic Hepatitis apt

Disorders & Diseases of Liver -

A preternatural secretion of Bile -
Symptoms - Diarrhea -

Causes - 1. Use of Ardent Spirits - 2. Inter-
ference in Eating - high seasoned food
3. Great heat - hence bilious fevers in
hot climates - 4. Violent Exercise -
5. Violent Passions - 6. Gout - 7. Con-
tusions in the Head - 8. Bite of poisonous
Animals - miasmata -

The Bile or secretions vary very much
Bloody - limpid Water - imperfect Chyle
may be called a Bilious, water
Diabetes - accord to Differ-
of Bile

Traveling - tonics & stimulantes are
good in Hepatalgia -

Remedies are Palliative & Radical
Palliatives - Bleeding - 13
& Blisters - these have been useful

Radical - Avoid exciting Cause
especially ardent spirits - Low Diet -
Calomel to affect the mouth gently -
Change climate - Cold the Best -

Jaundice - It appears
in yellowness - Diarrhea &c -
Transient Causes - a spasm of Stomach - &c.

Permanent - Bile & Gallstones &c. -

Black Jaundice may be produced by
Bile long confined in Gall Cysts -
In fever & Tense pulse - Bloodletting.

A fever is considered dangerous -

When arising from Spasm - Opium
warm bath - Tonics -

If from Gallstones -

Bilious concretions may be removed
by - pot ash & Gum arabic each $\frac{1}{2}$ oz -
Castile Soap 1 oz & 1 pint of Brandy -
from a half to a whole wine glass 3. a day.

A Palsy of Liver or Hepatalgia

It secretes nothing at all -
terminates in ascites & other Diseases -

the

th - Friction - Calomel
is said to do harm

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Gall Stones.

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They are of different number, size - weight &c - 114 have been found in one ^{cist.}
They lie long without producing pain. -
Sometimes there is pain & chilliness -
a sallowness of countenance.
Rem. in forming state - Symptoms -
slight pain -

Formed state -

Laudium - Mustard - Blisters -
Opening medicines - as purges -

Removals - Lime water & Dandelion
juice - Give patient pint a Day at first -
when stronger a half pint -

Mechanical ones - Vomits -
Electricity - Alternative use of Calomel.
Salivation should be resorted to when
others fail - Active purges - Rid-
ing on horse back -

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Lecture 81. — February 11 —
Odontalgic State of Fever — 17
or Tooth Ach —

R. Extraction when practicable —
Forbidden —

Bloodletting — Purges — A Roasted
fig or Raisin applied to it —

Opium may be put to tooth —

Opium combined with Ginger ap-
plied to side of Face —

Sandivura & pepper or Ginger & flour
may be applied to face —

Smoking tobacco palliates —

The Tumors which occur on Gums
are to be cured only by tooth extraction.

Decayed teeth are cause of many Diseases —

Hemorrhoidal State of ^{Bloody piles} Fever —

Causes — ~~Captivity~~ Acrid purges —
Lying on horse Back &c —

R. Bleeding — General or local —

Purges — Glisters — Horizontal posture —

Cold water applied after Depletion —

Poultice of Bread & milk or apple pulp
& water —

Water — burnt shoe smoke —

swax ointment —
tobacco leaf

The more distant the local affection
is from general circulation the more
copious should be bleeding —

Ophthalmic State of Fever.
Include morbid affection of Eye¹⁹ —
Inhabitants of Grand Cairo subject to it.
H. Darknes — Days & months —

Bloodletting general & local —
Local Bleeding should follow general
low Diet — purges — Blisters behind
the Ears — Milk & water or cold water
applied to the Eyes — Cold water should
not be applied too soon because it
produces Reaction and is hurtful —
Cold water by means of cloths —

In 2^d Stage — Stimulants to eyes —
as Spirit of Turpentine — Wine —
Vitreal 1 oz. Sugar Lead $\frac{3}{4}$ — River water 1 qt —

Magnet useful to extract Iron —
Salivation resort to when others fail —
Opium has been useful —
Vomits where whole system affected —

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Lecture 82. - February 13th 1809.²¹

Q. Pulse full & tense - Blood letting
in Scrophulous State of Fever
- Purges - low diet - Sea water

Goiter - belongs to this -
No cure has been found for it -

Scorbutic State of Fever -

Causes - whatever produces fever
Cold & Moisture - It requires Cold
below 66° to produce it

Unwholesome Diet - too little food
Fresh meat without Bread or vegetables -
Living exclusively on milk or chocolate -
Depression of Mind - Coincidence

Q. Pulse tense & full - Blood letting -
By this I cured a man in a month
the Blood was sily & florid

Remove remote & exciting cause -

2 oz of Nitric to 2 lbs of Vinegar -

Bark - elix of Vitriol - Vegetables useful

Preventatives - acids - tea & coffee prevent -

Humors - cheerfulness - & Bark

Convulsive State of Fever

Q. V.S. & all other Remedies in fever -

Hysterical & Hypochondriacal State

The same as those for Diseases of which
Symptoms - Paliatives

I proposed having a Coffin

Abstinence a good
Remedy in former
State of Apoplexy

Ciclanous State of Fever 23

Always observe state of Bloodvessels
By Bloodletting - purges - low or full diet
according to Circumstances

The End of Disease of Bloodvessels -

Nervous Diseases -

These are found only in Nosologies -

These like a Fever are but a unit. -

Symptoms of Disease in nerves not discovered by the Bloodvessels -

Lecture 83^d. February 14th 1809.

Apoplexy

There are many causes of this - Over-
straining - Contusions - Intoxication - Anger -
Cold Feet - Want of Supper - Absence of
Periodical Gout -

In Apoplexy Extravasation is fatal -
Cullen made a great Error in distinguish-
ing two kinds of this Disease -

It affects sometimes more than 3 times -
It is not confined to short necks -

Precursors - 1. Elevated excitement -

2. Drowsiness - Giddiness - headache - Night
mare - Bleeding at Nose - Sense of sudden
darkness - faltering of Tongue - Cold
weakness or loss of memory - Call
to alarm Physician
purges - in forming stage

Avoid exciting Causes - specially Cold feet -
Avoid Lying on back - this state of Incubus -
& this low grade & brings on Apoplexy -
Suppress not usual Discharges from body -
Smoking should not be laid aside - nor should
old sores running be stopped -
Keep up Determination to feet by flannel -
worsted Stockings - or Shoemakers wax plaisters.
Drunkenness - cured by Terror -
Cold water to head or whole Body -

Loosen tight Ligatures about patients -
frictions to body & volatiles to nose ²⁵
should be carefully avoided -

raise patients Head - Bleed in Car-
otids if convenient - Cupping -
Dr. Physic took from Dr. Dewees in
this Disease from 90 to 100 oz of
Blood at once -

If a person will not bleed at first -
use friction -

Vomits - After a full meal or Worms
V.S. should precede - A Feather may excite it -

Purges & Glysters to empty Bowels -
Cold water & ice applied to head - hair off -

If these fail - Blisters to Arms - legs & neck
Mustard niaisms to feet - Actual Caustery
- Electricity - loud sound -

Fatal in young men & Children -

Full bounding & slow pulse is alarming -

Intermitting pulse after Bloodletting -

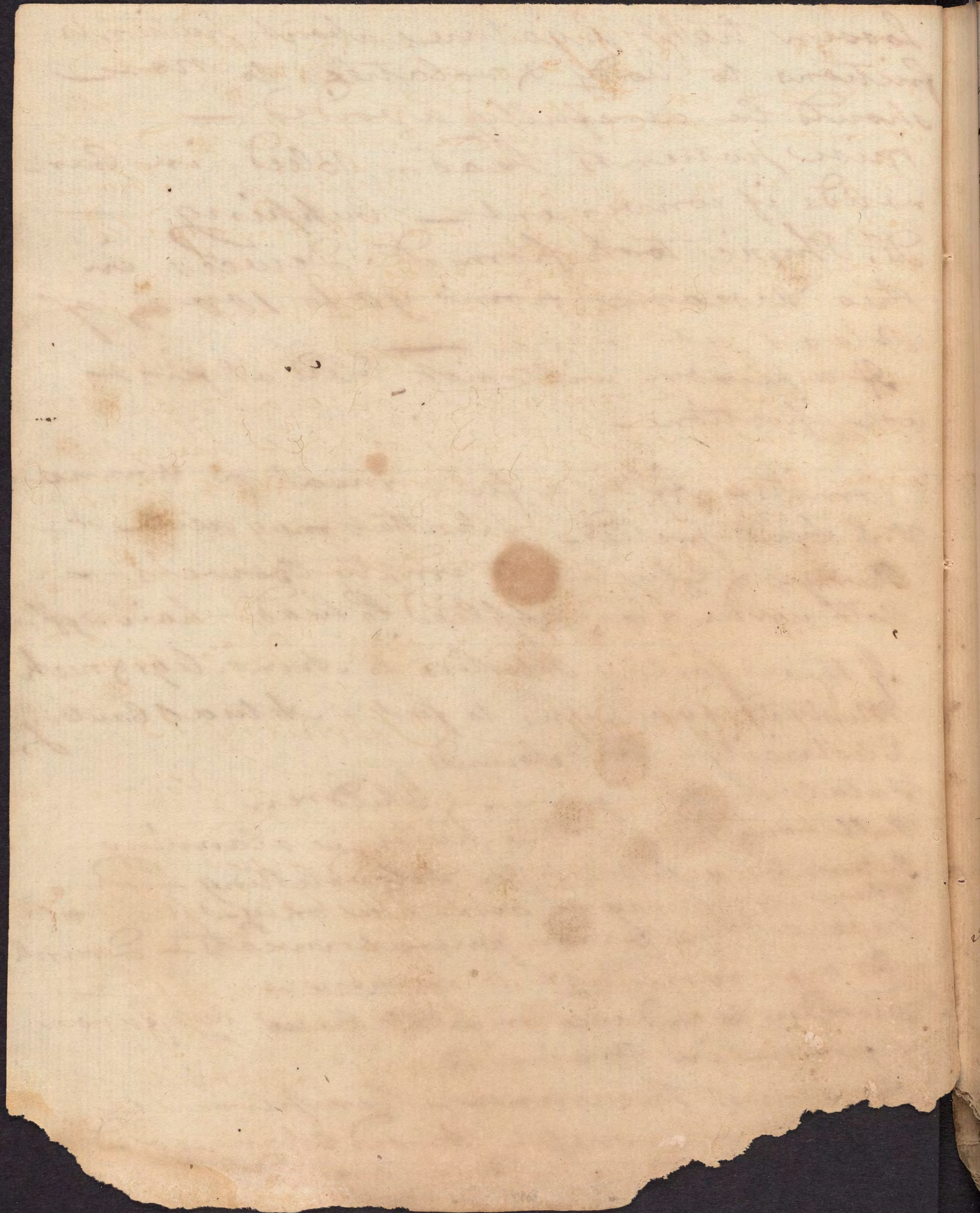
When it occurs on one side only -

Favorable - fever - general sweats - Drunk
and are more apt to recover -

Disorder is induced in fatal Cases by effusion
of serum in Brain -

Against Recurrence - Temperance

Intermissions - Avoid Changes of Diet
which produce many Deaths at
these Change of Time



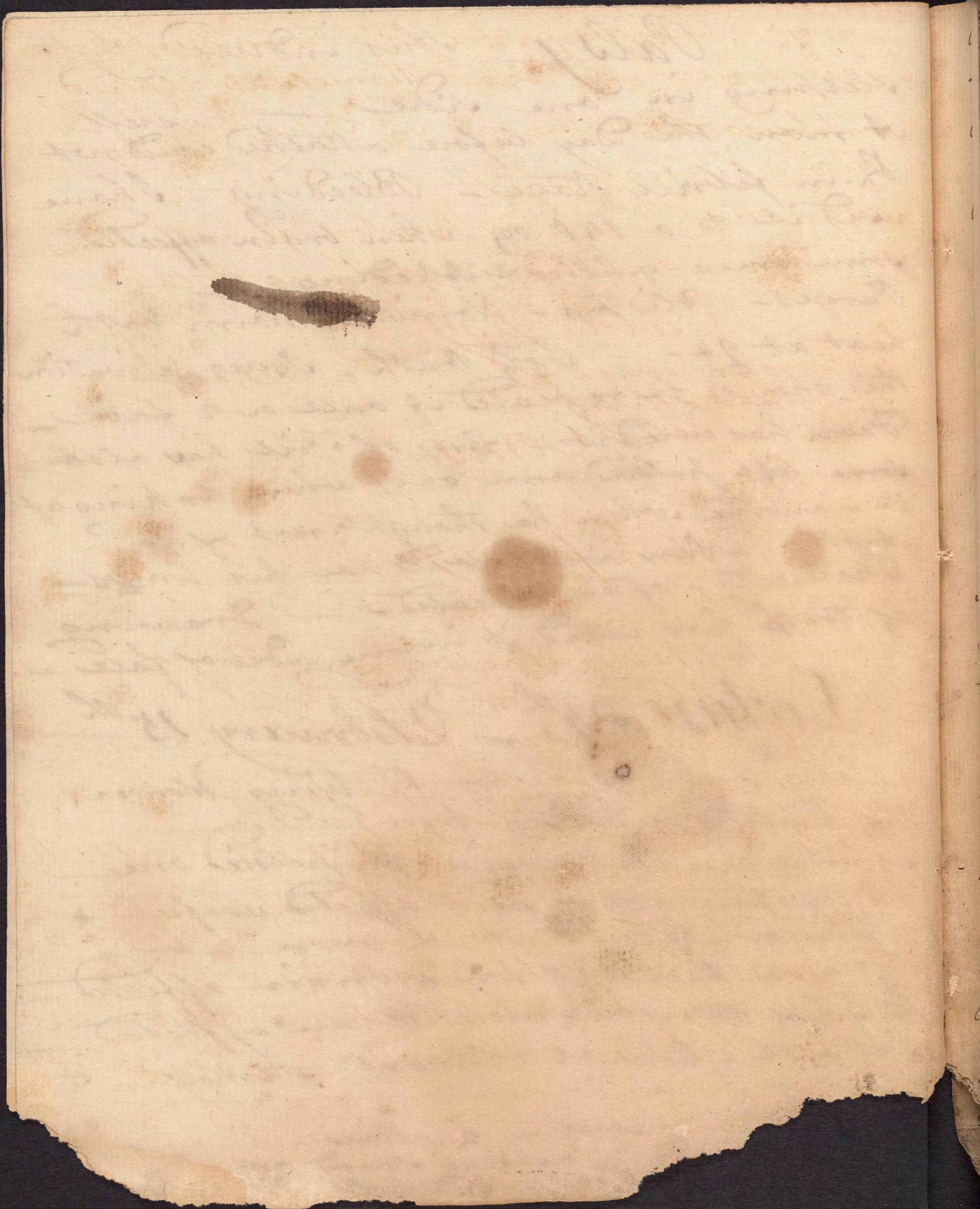
Palsy this induced by ²⁷
sleeping in one side — (spell.
A man the Day before attacked could not
R. in febrile stage — Bleeding — I have
used it to a 150 oz — when brain affected —
sometimes gradual bleedings —
Purges — Blisters — Vomits — Warm bath
heat at 94 — — Cold Bath — Issues Salivation
this should be repeated if once or 2 fail —
Fear has cured it — Cry of child has also —
some lift palsied arm only when looking at
it — another when he thought not of it —
Another when asleep could use his limbs —
Electricity — often repeated — — Drawing
of tooth has cured it in one side of face —

Lecture 84th — February 15th

Palsy Continued — R. tying down
the healthy or sound Arm —

This induces to Exercise the palsied one —
A ligature round part affected useful —
In tremors of a limb or more —
These are Remedies when Brain affected —
R. when nerves & muscles are affected —
Internal — Cordial Aliment — Stimulants

External — warm — frictions —
by rubbing sound arm
the — — Cold Bath — Electricity



Opium - hanging weights to palsied part.
Local affection - Local stimulants applied²⁹

Prophylaxes same as in Apoplexy -
Avoid lying on affected side

Prognosis - Pains in limbs - fever attend-
ing - pain, swelling & itching fatal

Catalepsy

A case induced by melancholy -
Rx. Bloodletting

Coma

Wakefulness

Strong Coffee & Tea - mental stimuli

A Graphopper impression is a Burden
to old people - Opium produces it

Rx. Bleeding, Purges - low Diet - Exercise
just before retiring - Dark, silent Room -
sitting in arm chair Posture - Warmth to
feet

When below sleeping point
Opium - 5 drops laudinum - Assafoetida
Eating moderate supper - a little wine

Jump out of Bed - Cold Bath - turning over

A bag of hops under bed - turning on Mill
stone - Retiring & rising at same time
the system - Bringing it to

Symptomatic Causes - Worms - Bile in
Stomach

Vertigo - 1. A turning round
of Objects - 2. Elevated & Depressed
3. Trembling of Head - 4

The mind is unimpaired - Causes - Strong
Tea & Coffee - Tight ligatures - Plethora
Gout - Epilepsy & fever of all kinds - Use
of Tobacco -

H. Full & tense pulse - Bloodletting
Headache produced by V.S. a good sign
Purging - Bowels good outlet for brain diseases.

Reduced Diet - Blisters - Issues - Cold
water to head & warm to feet - Shoe wax
to feet - Cataplasms - mild prepara-
tions of Iron - forbid strong Coffee
Garlic an excellent remedy - but not
when pulse is active -

Headache

Women 10 to 1 affected by it more than men.
Decayed teeth sometimes produce it - Gout.
I knew a case of 15 years standing.

Rheumatism - Strife between Arteries
& veins - Cessation of menses - Stoppage
of Customary Evacuations - Hard Study -
Certain Odors - Bile - Some things in
Stomach from Dyscrasy -

Sometimes it is Weekly - monthly - yearly -
is affected only one eye or
that in Dura Mater.

Headache from Rheumatism affects Scalp &c.
But from Gout &c. its Seat in Dura Mater.

Time sometimes cures the Disease — 33
Labor & Change of Occupations — Stimu-
lating Accidents — R. Malconformations
incurable — Bloodletting — Cupping —
If from tooth-extract It — When from
fevers — Emetics — Gout — Rem. for that —

Purges — low Diet — Blisters — Cold Applications —
Incisions to Bone thro' Scalp — If from
heat gradually abstract it & apply Cold

And lastly a **Salivation**

Opium has cured it — a glass mediane wine.
Avoid all exciting Causes —

⁽⁸⁵⁾ ~~Intermittent~~ State R. Abstinence — February 16th.
lunatic —

Formed State R. Bloodletting if violent — This
is nervous form — Cataplasms — purges —
Blisters — Recumbent posture — Opium if
Arterial system be but little affected —
Bandage — Best —

In Intervals — R. Tonic Remedies — pep-
per in food has cured it — Cordial Diet —
Cold applications to head — When it
returns periodically — Conual labour —
Less dangerous when pervades whole head —

Epilepsy —

A Kingdom for a Remedy — I can-
not cure it nor teach you to do it —

I cannot think it is incurable —

Debility its predisposing Cause — 3 Grades —

Violent as to produce semen masculinum
from extremities of arteries in
the living on Parturition —

Feb. 18. This morning I have had a striking
proof of the correctness of Principle - Sailors
are harder to cure during the time ice is con-
fined in River -

2. Does not affect Body or mind — 35
3. A fainting of small grade —
4. A rolling the eyes about a D. Rush did.
5. Among the Germans

Continue from 4 hours to 5 years —
Sometimes succeeded by & alternated with Mania —
It mostly proves fatal when it ends with Mad-
ness or Hydrocephalus internus —

A Boy was dissected in whose veins little blood
was found — Another sweated blood —

Terror has brought it on — Sleeping in
the open air — in impure air — drinking
cold water — Brought on by sympathy —

Local Causes are — Lesion of the Brain —
Blows — Sympathetic — Decayed teeth — tumors —
Brought on by association of Ideas — in Dreams —
Cured by Childbearing — Journey — Age —
Puberty — A Burn in Fire —

R. In Forming State — (Symptoms —
A Bitter taste 4 days before — a peculiar
smell of Breath — Sense of Horror from no
noise — Tremor of underlip — Blood-
letting — ~~Emetic~~ — Purge of Sulphur —
Opium — Smell of Burning Sulphur —
Ligatures Round Extremities to prevent
aura from passing to head — Fear —
Dashing a bucket of water over patient —
In Paroxysm — Bloodletting — loose collar —
Cool air — Recumbent Posture —
In Worst State — Depletion — extensively
pulse indicates — Milk & Vegetable Diet —
it should produce redness —
the low

Vaccination

Two Facts in which it prevented the
small pox after variolous Matter had
impregnated the system —

the
had

Salivation - this continued 4 or 6 weeks ³⁷
Next Radical R. are Tonics - of most
powerful kind - Stramonium - Opium
to do good should produce Delirium
Sugar of Lead - best for children
It brings on intestinal Canal Disease
Drunkards less affected by Bark & wine & others -
In moderate cases - Setons & Issues -
actual Caustery to sutures of cranium - long
Journies - Change of Residence - ^{take}
Diet & Drink by measure - A bell loud e-
nough to deafen at first - a fall have cured
some - Itch also has cured it -
What would be effect of sleeping less - on a
mattress - or in erect posture -
A Feather Bed invites convulsions - A Camp
life has cured it - perhaps from exposure -
These as supplements to Tonics - (Causes.)
Avoid hard Drinking - venery &c. - all exciting

Hysteria - similar to Gout -
I use this name in conformity to custom -
This affects blood vessels occasionally & Gout the
nerves - This Disease chiefly of nerves -

The swelling in this appears in morning -
A disposition to laugh enters the Constitution -
Rev. Du Shays pinched himself in pulpit to pre-
vent laughing at what he heard or says -

Lecture 86th - February 17. -

Distinction of this from Hypochondria

- a swelling near Thyroid Gland
the latter blended to gether

Causes - obstructed menses -

Cause - Methora - strong Drink & tea
Causes act on body and mind
It seldom destroys life - it wears out system.
R. for Paroxysm - Bloodletting - Opium -
stimulating odours to nose - Asocetida.
Pedeluvia - Glyster pipe in ano -
A drop of water on the lip -
R. Intervals - Tonics - Cold Bath -
foetid Gums - Asocetida - Bitters all -
Mitalis - Zinc - Iron especially good -
Bandages around the Abdomen -
Diet solid & cordial not nourishing -
Milk is nourishing therefore forbidden
In fever - Cordial Diet also forbidden -
Exercise - on horseback - taking care
of garden - or family - Exercise of
a steady passion - One advised another
to pray for Real Trouble - Death of a
child has cured Disease - Fear in War -
Becoming a Methodist cured one Woman -
Change of Climate - Matrimony -
Persevere in these Remedies for years -
Time has cured it - terminates frequently
in Hypochondriasis - When nerves wear out.
Sometimes terminates in Apoplexy &c -

Dyspepsia -

Signs - heart Burn - pain in Stomach -
Desire for lime, coals, ^{burnt} feathers - putrid Animals.
Stomach one foot of Tripod of life
connected with the mind
connected with Longevity

Stomach is flag of health and ave-
nue of almost all diseases of body —

x or x⁺ gr. of Iron to v. or x of ginger —

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Strong Tea & Coffee - & Bitters - except of
Acid Liquors - use of large quantities of cold
water or hot - Sugar in great quantities -
Water Brash - These are causes of Dyspepsia.
Diet of animal food solely - produces an
incapacity to digest vegetable -
Habitual use of nitre -

Indirect Causes - Indolence - intense study
moist & cold air - Gall stones - Great pain
Diseases of adjoining viscera - or sympathy
with more distant - Decayed teeth -
R^y. Palliative - such

Magnesia - fixed & volatile alkali
Common salt dissolved in lime water -
Milk relieves heartburn - unskimmed -
Laudium - Bandages - Charcoal -
In canine appetite - take sweet oil -
Pepper has been used -

Radical R^y. - Bitters & all stimulants
are hurtful - Inflamm. usher it in -
I have called it Gastricula -

Bloodletting - Vomits - Speck - lenient
Bitters - Vegetables - Milk - a Diet
exclusively of boiled turnips has cured it.
A diet of Gum arabic has cured - Dr. Physics

Gastralgia - Stimuli of Vegetables -
Mark I have found hurtful -
Aromatic & acrid Vegetables - as Garlic
infused in spirit - Black pepper & Ginger
Minerals - preparations of

Pain in head is only in Dura Mater and
contiguous parts

and
Liquid food should be avoided - toasted
bread should be taken - Drink should
not be taken with this Stimulant - 43
viz - Stimulating not nourishing - nourish
ing not stimulating - & vegetable food

Empty Stomach is like an Idle School boy
who is always doing mischief -
or sulphuric acid 2 dr. old spirits, 4 oz - & a qt. of
water - this sweetened with honey -
Avoid Brandy &c - in this complaint -
Riding on horse back is useful -
The Cebur waters are also beneficial -
Dyspepsia from going to sea cured by
Bloodletting -

Distastes of the Mind -

We know more of mind than Body -
These Diseases are seated in the Body

Lecture 8th February 18th

Mind is noblest part of man - It is seated
in the Brain - inclosed in bony case -
The Skull its Citadel - abdominal viscera outposts.

1. Spleen - 2. Stomach - 3 Bowels & 4th Liver -

A name for low spirits is Spleen - Another
Hypochondriasis

There can be no madness without affec-
tion of Brain

Diseases in Spleen &c - are not Cause of
mental Diseases but only the effect -

Dr Rush is reading a printed pamphlet -
Thyroid Gland is calculated to protect brain
It occurs only in close of fever

The Vis Naturae - or Vital principle - in-
dependent of exciting Causes & of the Deity
is as contrary to Philosophy & Religion
as any Atheistical principle —

Disease of mind is seated in the blood
vessels of Brain not in the nerves. 45

There is nothing specific in this morbid ac-
tion to produce mania or Hysteria

Exciting Causes are same as those of
fever - also Apoplexy & other Diseases of Brain.

Pain in head, wakefulness &c - precede mania

The pulse is more frequent than healthy

A white tongue - this is so also in fever

Mania alternates with many other Diseases.

It appears in several forms of fever

Blood drawn in this exhibits same appear-
ance as in many other fevers

In Chronic Mania Dissection has shown
in brain preternatural hardness, dryness & elasticity.

It is preternaturally heavy & large

These also follow Rheumatism

Mania Chronic. I shall call Manicula

Remote & Exciting Causes of
Derangement

1. Those which act directly upon the Body

2. Those acting upon body thro' mind

1. Upon the Body - Contusions upon
brain - fall from horse 15 years before
brought it on - another 22 years -

Certain diseases affecting whole body

Sudden abstraction of humors of distension

Stimulating spirits acting on Brain

A case occurred from shot in boys foot

Decayed teeth - Mineral exhalations

A meal once induced it -
Apoplexy - St. Vitus's Dance -

* Charles VI of France became insane
from Anger — One from seeing small
fox pits in his face — One from imperfect
piece of statuary. i.e. no girth to the saddle

have resembled dream in some cases
Why it is not understood —
Loss of memory when a person has no an-
imal food

2. Upon Body thro' the Mind —

— On Understanding — as study intense
 sudden transitions of mind from one subject
 to another — indirectly thro' Imagination —
 thro' memory — thro' irregular exercises of
 passions — ~~the~~ severity of schoolmasters
 Guardians parents &c. have induced it.
 Imaginary causes numerous as real ones —
 A disordered fancy & Guilt — worst of all.
 Fixing upon the precise times prophecies
 will be fulfilled —

The causes acting thro' mind more numerous
 than those which act directly upon Body —

General Remarks. All the causes
 act by inducing Debility.

Mania is sometimes hereditary — Those
 born of parents in prime of life more
 subject to it — seldom attacks under puberty.
 Old people are seldom affected by it —
 I knew one attacked in 81st year of Age

Lecture

Feb. 20th

Between 20 & 50 most subject to madness —
 Out of 1201. Cases 955 occurred in this period —
 Women are more subject to it than men —
 Many of weak minds & strong passions subject —
 Tradesmen subject — musicians — painters — &c —
 Countrymen & farmers more than Citizens —
 Less in hot than cold climates —
 Madness in United States has increased very
 much in 20 years — I ascribe it to the
 avidity for wealth —

Why not alive in blood as well as in the solids -
All cells are alive - these derive from blood -
Blood tissue is everywhere - every organ of blood -
Blood must be considered as fluid flesh -
Inflammation But the white matter of blood -
Disease of blood -
Blood cells & molecules - extract from by magnet.
Chemically different through it - All these from -
Colour of blood depends upon red particles me -
Because of its thinness -
Reason is the red particles absorb the blood
I have seen white fibrin in heart - this
thinner when disease than when healthy -
Fibrin - a thread like substance -
till all the colour is out & it is now white -
while it coagulates it may be washed
brown blood be turned with a rough stick
Coagulum is naturally white - if new
It changes the colour green -
Gelatin different from albumen -
Of mucin like albumen of an egg -
Not so quick by Nitric acid -
Coagulates instantly with spirit of wine -
Exposed to 100° of heat will coagulate -
Serum - transparent & of a greenish colour -
Coagulation - but it cannot be -
like if the blood could be perfectly still without
no doubt but the coagulating matter would not
On blood - It is heterogeneous - I have
Water - February 23. 1869

Different Religions & Different tenets of
the same Religion - More Catholics than pro-
testants some say - But others doubt it -
The chief but perverted end of Russians is
to kill & be killed -

Derangement is any Departure of Percep-
tion - Judgement & Reason - from ~~the~~^{their} proper
exercise accompanied with correspondent
actions -

It may affect the understanding only -

Derangement is seated in the will
without affecting the understanding -

It produces Disorder in the mind -

I have called one kind Manalgia -
Pecoto mania the same as Hypochondriasis -
Melomania to signify melancholy -
These are only different grades of the same
Disease of the nervous system -

Pecoto Mania -

Symp. Body - Dyspepsia - Deficient or pre-
natural Appetite - Headache - Vertigo -
A sallow colour - When this arises from
one cause is associated with others -

Symp. in Mind - Distress - he supposes
himself to have different animals in him -
imagines himself to be another animal - plant
or something else - or dead -

These persons easily made angry -

Symptoms change many times a day -
Despair the most awful symptom of Pecoto
Mania - Men despair than women - And
the suicide in men also -

17/11/44

R. 2 kinds directly on Body - & thro mind.
1. Those directly on Body - full & tense
pulse - Blood letting - this relieves suddenly.
Purges - Always Galep & Colomel -
Low Diet combined with both these -
Cordial Diet & Drinks afterwards -
Caldeates combined with ginger or pepper -
Assafoetida best of gums - Iron not good -
Opium the best & chief Reliance in this -
Ardent Spirits should not be used - it
produces disease worse than Death -
Drinks should be warm - Time of ta-
king food as in Dyspepsia -

Lecture 89th February 21st

The hot Bath & Cold also are useful -
A Salivation - It will do more towards
cure when produces irritation against Physician.
Friction - in this way the Itch cured it -

2. Those Acting on Body thro' Mind -

It is a real not imaginary Disease -
It is necessary to comply with patients erroneous
opinion - I have prescribed matrimony -
Case of Man, ^{metaphorically} Dead was cured by Dr. proposing to
open the Body to find seat of Disease -

There are laughing & ridiculing points above
which these means are hurtful - below useless -

If Cause be Debt. Advise Clemency of Laws -
If Public affairs - prescribe Rest & quietude -
When from 2 Religious principles erroneous -
viz. Men born to be damned - & committing
the irreparable sin - correct these errors -

Suicide may be cured by complying wth Designs.
Some have been prevented from starving
themselves to Death by leaving food in the
Room or Dungeon with them.

53
R. Destruction of all associations of
former occurrences - Remove old garments -
Exercise - Labour - Working in Garden -
Merchandise - Building - Agriculture -
Constant employment - A lady cured her
self by translating Polemicks into English -
- When you are Idle be not solitary &
when solitary be not idle -

Playing Chess - Coit. bowl - &c - - Going to
Theatre has cured it - Evening Parties -
Playing with young children removes
low spirits - Music has same effect -
Tunes must be at first plaintive -

Copying Manuscripts - Dr. Barton re-
commends reading the Scriptures. - He
compares it to an Apothecaries Shop -
Telling Stories - Referring back to youth -

Matrimony - Few or no married are afflicted -
If all these fail have recourse to Trav-
elling - long Journey - to warm climates -
leave behind every thing - friends, clothes &c -

Allo-Mania or Melancholy -

The person thinks himself free from Disease.

This is partial Insanity - Tho' it be a
farther or greater grade than Hypochondriasis
they often blend symptoms together -

R. These should be partially as the former -

Bleeding - purging & low Diet if pulse tense
In obstinate wakefulness give opium -

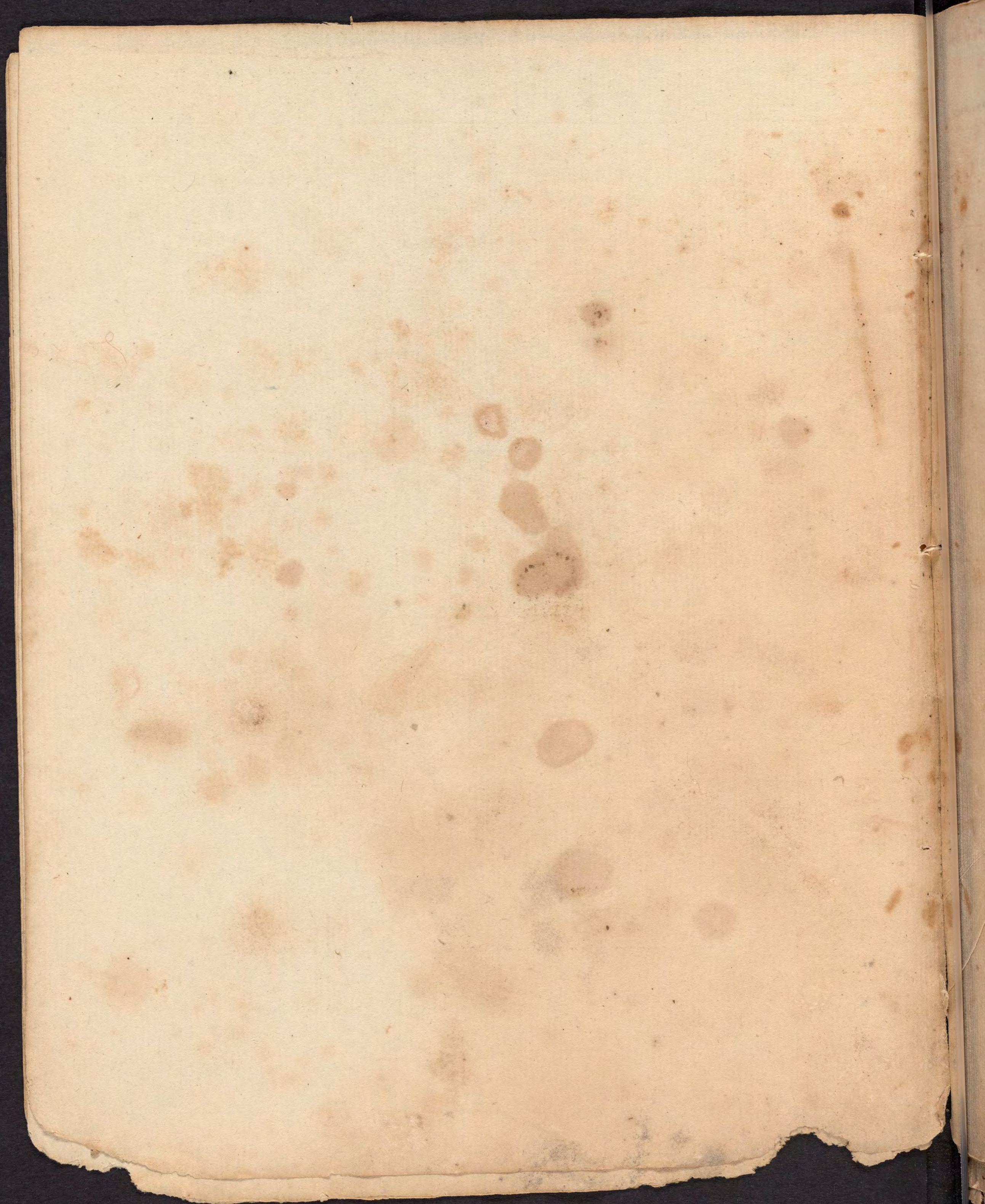
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" I shall Divide Madnes into
 Mania - In this I include great morbid Action.
 Manicula

Manalgia. in which Torpor of Body & mind
 appear - This last seldom occurs without
 one or both of the former -

General Madnes of Great morbid Action
~~Symptom~~ Irracibility - going about to lay good
 & Withdraw patient from exciting Causes -
 Low Diet - & if pulse tense 10 or 12 oz blood lose -
 Pulse - Synochus - slow, frequent, quick - depressed.



Cheerfulness favorable but anger & peevishness
unfavourable in Madness —
If Love be cause of Madness this returns no more —

Lecture 91st February 23^d — 61

Cure of Manicuta

The perverted mind like disordered Stomach delights in improper objects —

Stimulating passions — music —

Exercise — Labour — A profuse sweat carried off one case — Salivation should not be omitted —

An Instrument termed Gyration I have contrived at the hospital — See it Gentlemen.

A half hoghead on a pivot may be substituted —

Constant employment, this should be attended to —

"Madness is under power of Medicine"

— N.B. Rice made this mark it won't me —

I almost parboiled one man in this disease —

A Diarrhea has carried it off — ~~Swimney~~!!

Symptoms — favourable — weeping — sense of pain where it has been absent — or where it was insensible.

Habit of Stuttering returning — returning affection —

Miscepses in others parts of the Body — General

fever after bleeding — Regular return of Stools

a day — Hereditary most subject to return again

but is as easily cured as from any other cause —

Suddenly attacked & young persons easily cured —

Madness after parturition generally cured —

After Epilepsy hard to cure & vice versa — from

Drunkenness easy cured — Slow recoveries are

more favourable than hasty ones —

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Derangement of the Will —

63

May I be allowed to call it tetanus of Will —
All other faculties may be sound — And a per-
son may be said to have no will of his own —

Persons from this cause is committed without
meditation or desire to escape — — — — — tioned —

R. Bloodletting & all the Remedies formerly men-

Lecture 92? — February 24th —

Derangement of Memory —

Causes — Excess in eating, Drinking, sleep,
using snuff, in loading memory of Words —

Opium — It is excessive use of these —

Cessation of study — public Business induces

oblivion of other things —

Cure of Weak memory — Avoid the Causes —

Relating things we hear — or Read —

Call assistance of other senses —

Affect the mind only with useful knowledge

or Truth —

Memory improved by exercise —

Never use memorandums in early life

To revive an Idea learn 2 or 3 lines of poetry —

Repeating just before going to bed what you wish

to remember —

Physical R. Depletion — { P. S. Purges &c —

Cold Bath & cold weather — Exercise on

horseback — Time performs a Cure —

Fatuity —

In this the will is paralytic —

It is sometimes congenial — Induced by
all the causes of general madness —

is age: Does it also —

Cure — 1. By nature & time of Disease
2. Accidental falls or Burns — 3. Calibrates
Hot & Cold Bath — Exercise — 4. from fever
it runs off of itself — if not, Cold Bath will.
Apply to reading — In old age it cannot
be cured but may be paliated —

Diseases of Passions —

Nothing tends more to the Equilibrium
of the Passions than Religion —
Mathematics tends to compose passions.

Love —

It shows itself by irritability in Countenance
in Solitude & moonlight — If a woman
never looks at a man or always does —
— If she retires to decorate herself when
a young man is present —

It is awkward in women, graceful in men

Cure — Bleeding. Blistering —

Feel the pulse when the loved name is
mention'd or when present —

A Disappointed Lover should expose her faults.
Avoid the Object by Voyage — Avoid conversa-
tion on Subject — Induce another passion.

Grief —

It produces asphyxia — fainting — Hypo &c.
Fever &c. sometimes Death — Wakeful-
ness some times accompanies it.

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R. In first Visits - imitate Job's Friends 67
Silence abstracts Grief while sound increases it.
In next place - send 'em a book entitled
Mourning - Suggest comfortable hope of
future Happiness beyond the Grave -
Near Relations should not follow to grave -
The Corpse should be carried far away -
Grave yards in City are very improper -
After awhile, Opium should be given every night
Never mention lost friends names -
If Fever or Hypo occur - those Remedies

Anger - Three Grades

1. Anger. 2 Rage & 3 Fury - R. Religious
Morals - & Physics - Don't speak when angry.
Let angry persons address Deity or count 20
before they speak - In highly stimu-
lated state - Cold water dashed on person -
Milk & Vegetable Diet - Avoid hollowing as
some of our good friends do - do you see.

FLWR

Try to cure it -

The Objects are are to be thrown into Riv. Styx.
R. Moral Rational & physical -
Just opinions of God's Government
Read Bible - Reflect upon former escapes -
meditate on Death - Constant employment
Fear is offspring of Idleness - converse
on Death - Company prevents fear -

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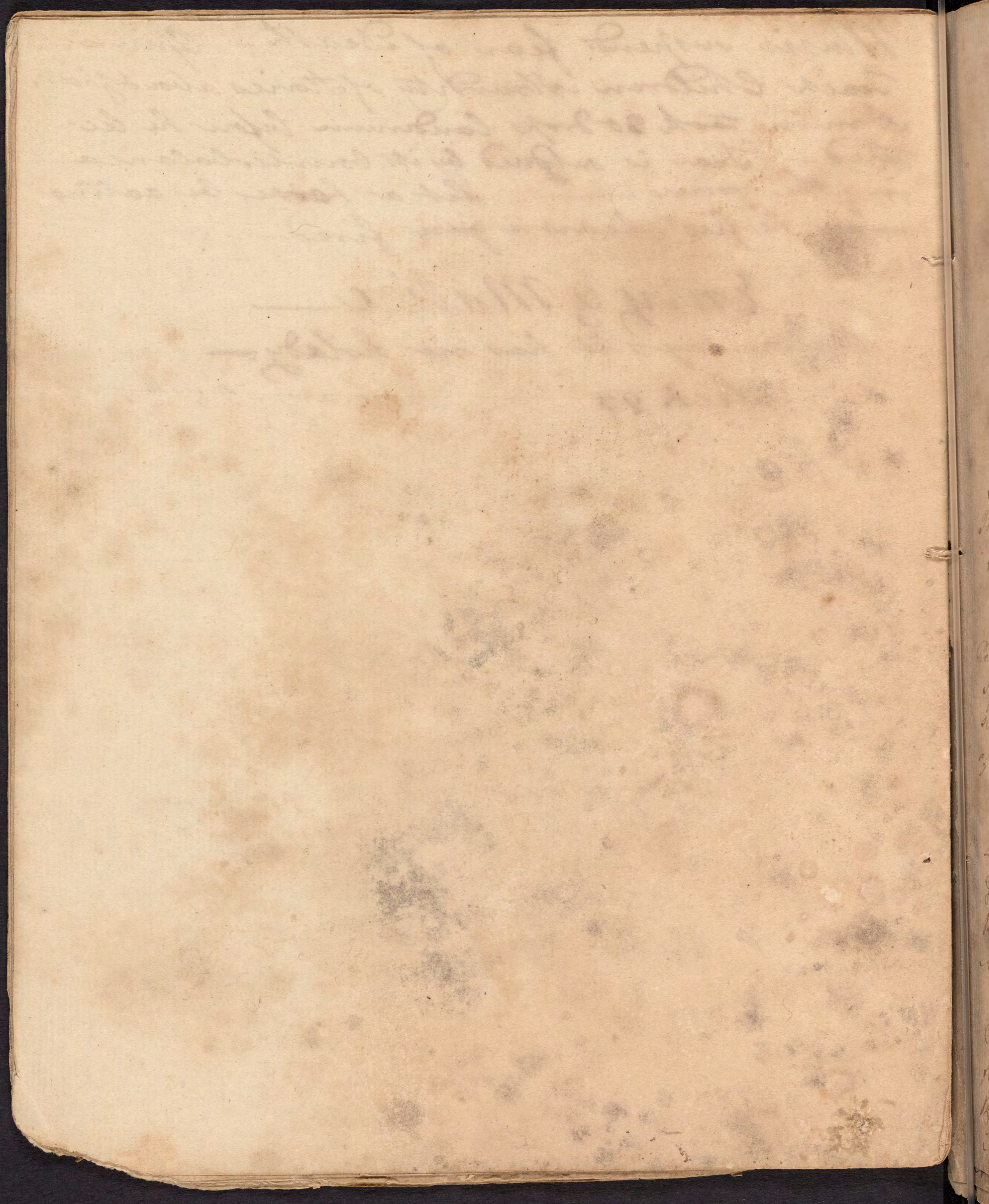
Music suspends fear of Death - Opium -
Teach Children Absurdity of stories about Ghosts. ⁶⁹
A man took 30 drops Laudium before he lec-
tured - Fear is subdued by its counterbalance
in the mind - Let a horse be eating
when he first hears a gun fired -

Envy & Malice -

Bacon says it has no holiday -

Lect. 93

February - 25th -



Dreaming

71

Absence of Mind

Stupid men most subject to this Disease.
It is a form of Derangement. Treated as
Idiocy.

Operations of Mind in a Trance

Persons awaking from this relate Dreams only.
Symptoms. Absence of Death pains —
sweats upon any part of Body — & discharge
of Urine & feces — Keep Body warm —

Fainting

Local Causes — are Diseases &c.
General — Great emotions —
R. Recumbent posture — fresh air — Frictions
Avoid exciting causes.

Asphyxia

Causes — Violent emotions &c. Intense Cold —
stagnant air from Charcoal cellars — & wells —
R. Fresh Air. Stimuli gentle or powerful accord-
ing to exertions made to save drowned persons.

Hot water applied to head in Asphyxia from
drowning very useful —

Life lingers longest in the Ears ^{frequently} A Drop of
water on the Lip has restored life —

A lapdog licking the Lips of an old Lady in
her coffin restored her —

Spirits poured in a mans mouth from ex-
citing the Trachea restored Life —

Suspension of Passions

73

Case of a man who dying said I never love
man woman nor child in my life —

• Some person have no passions —

R. A Salivation has restored the passions —

Here I finish a new & difficult subject.

Lect. 9th

Feb. 27-

Asthma

R. Preventatives in forming state —

A few drops Laudinum — purge — Erect pos-
ture — — — — — Bend head forward —

Paroxysm comes from 1/2 hour to 6 months —

I knew one man who lay not down in
7 years — Patient frequently dies in the fit —

R. In Paroxysm — Bloodletting — One man bled
in every paroxysm — Chronic V. Section —

A paleness of face does not forbid this remedy —

Vomits — Tartar emetic or Ipecac. or squills —

Lemient Purges when bloodletting will not do.

Pedicularian — Cold and warm air in
different states of system —

Moist Asthma a dry situation & vice versa —

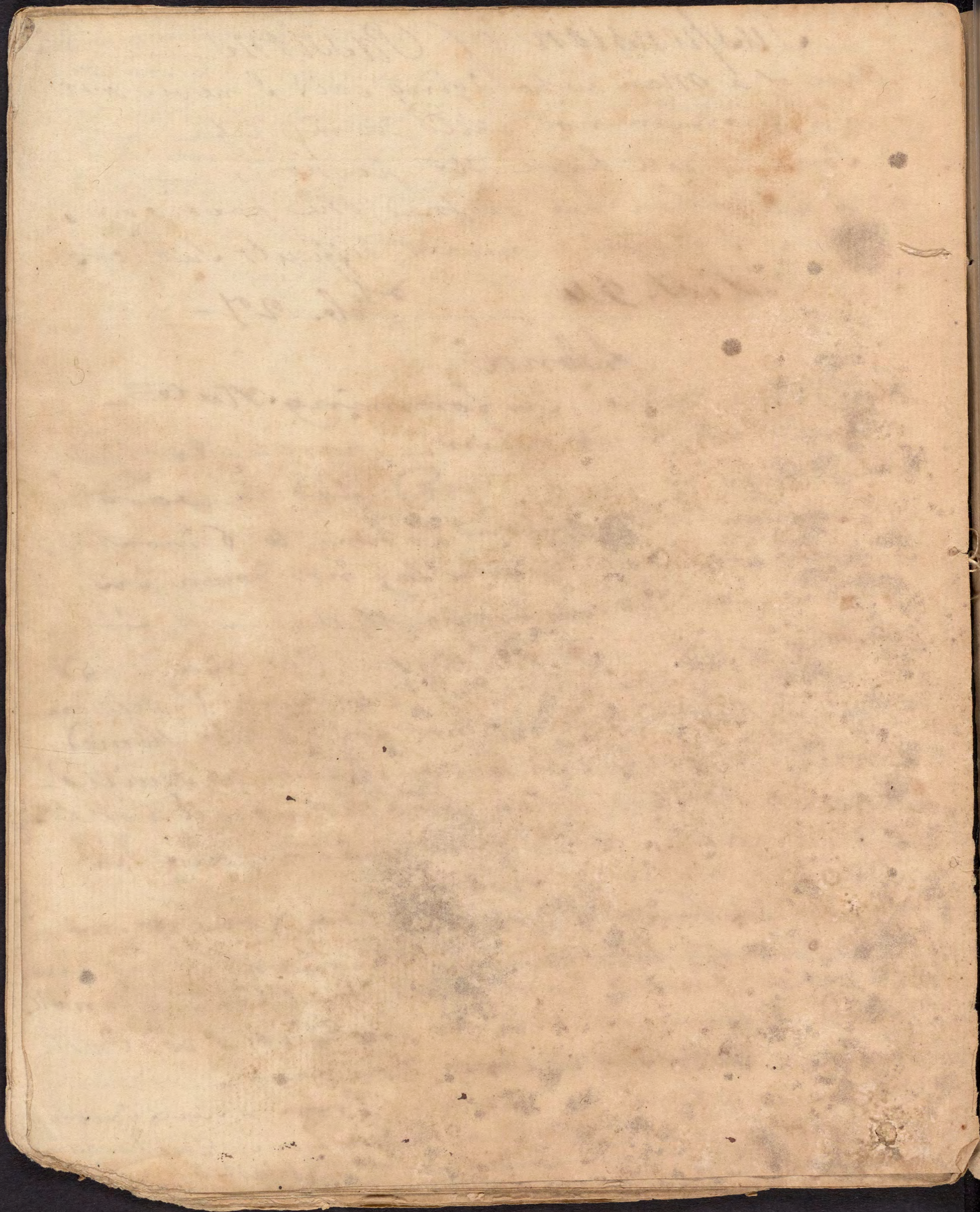
R. to Prevent Recurrence — Pregnancy has cured
it — other diseases have cured it — Change of climate.

Avoid Plethora by V.S. or Low Diet — Cold Bath.

Labour — Exercise & long Journey — A Diet
of Garlic & Calk — Rust of Iron — Taro & Barley.

Lying upon Matras or floor — or in Erect posture

A Change of Occupation — — — — — Tonics just before



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75
Dyspnea not attended with intermissions.
Punctures when from tumors of Trachea.

Angina pectoris

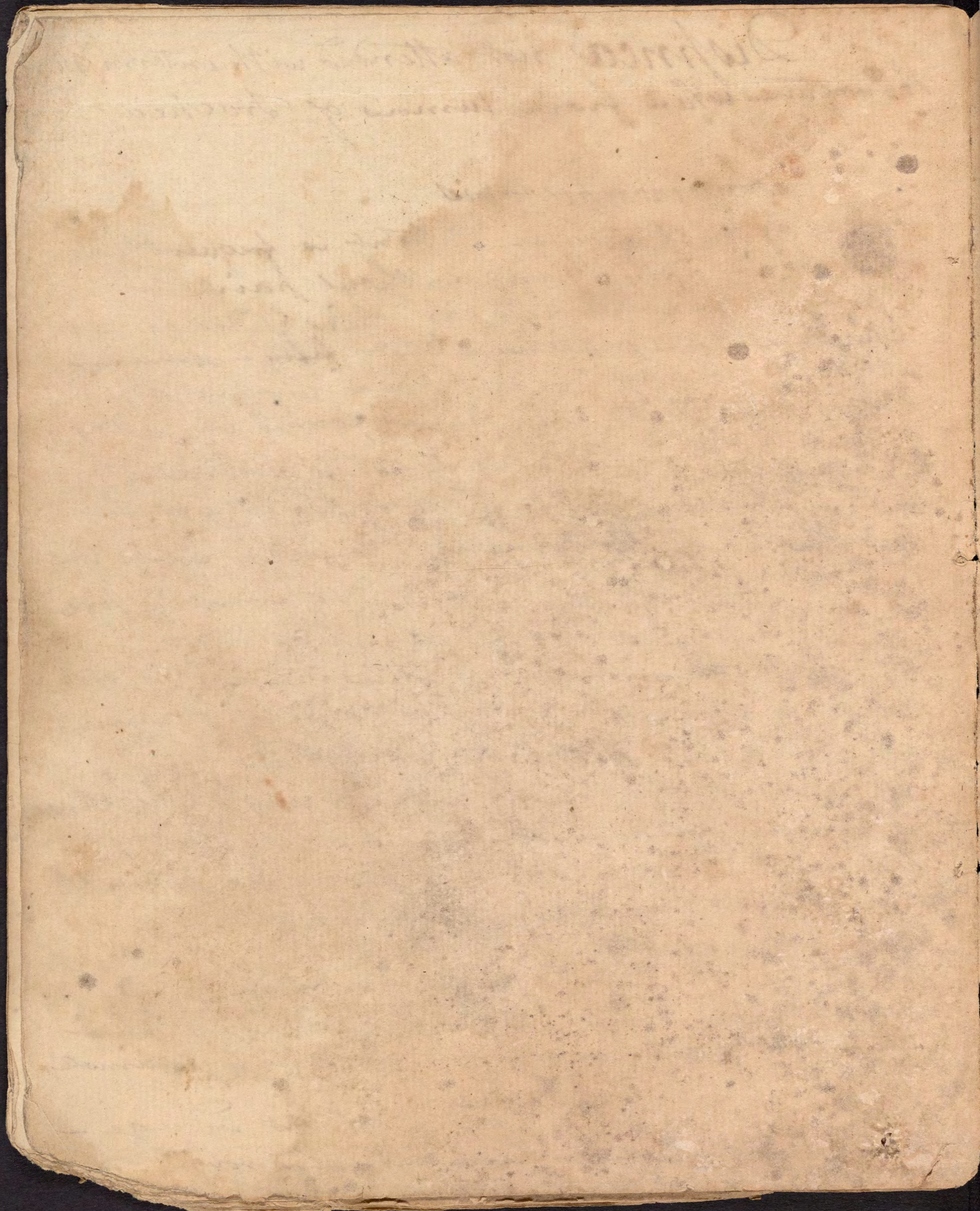
Veins of neck swell. Patient is frequently unable to do any thing without pain. There is great variety in this Disease. Chiefly attacks persons above fifty - some exceptions - And men more than women. Blood after Death sometimes found in a state of fluidity. Sometimes attacks suddenly - often periodically. R. V. S. I have used it by two bleedings - Purges & low Diet - metallic tonics - Issues in the Extremities. A perpetual Blister to the left arm is preferable to Issues in arms or legs. Exercise & crumb Diet - Salivation - Avoid exciting causes - vary according to symptoms.

Whooping Cough

I have seen whooping without cough & vice versa. R. V. S. if pulse admits - I have always bled with Advantage. It combines with epidemics. Treat it accordingly. Fear - this excited. - Bark - oil of amber - laudanum small doses. - Gentle exercise - external applications - a pitch plaster on neck - Change climate.

Tremors

Avoid all exciting causes except old age - R. Depleting & Tonic Remedies - Cord round arm



the
R.
S.
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Convulsions

77

Plethora & all remote causes of fever
R. Copious bloodletting in parturient women
A woman lost 200 oz. & bore live child -
Cool air - Cordial medicines -

Syllabus

Chapter 2

Apoplexy

Palsy

Catalepsy

Wakefulness

Headache

Epilepsy

Hysteria

1st